AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): An electrode structure of a plasma display panel (PDP), the electrode structure formed on a front substrate of the PDP, and comprising:

a first sustaining electrode and a second sustaining electrode set on the surface of the front substrate, and a first gap existing between the first and second sustaining electrodes; and

a first auxiliary electrode electrically connected to the first sustaining electrode, the first auxiliary electrode comprising a first part and a second part ~~adjacent to~~ in contact with the first part, the first part formed in the first gap, and the second part located above the first sustaining electrode;

wherein a second gap existing between the first part of the first auxiliary electrode and the second sustaining electrode is used as a discharge gap of the electrode structure of the PDP, and the width of the second gap is smaller than the width of the first gap.

Claim 2 (currently amended): The structure of claim ~~1~~21 wherein the first auxiliary electrode further comprises a third part approaching to the second side of the first sustaining electrode.

Claim 3 (original): The structure of claim 2 wherein the third part of the first auxiliary electrode is located on the first sustaining electrode.

Claim 4 (original): The structure of claim 2 wherein the third part of the first auxiliary electrode is located on the surface of the front substrate.

Claim 5 (original): The structure of claim 2 wherein the PDP further comprises a back substrate parallel to the front substrate and a plurality of ribs formed on the back substrate and parallel to each other, and the plurality of ribs being perpendicular to the first auxiliary electrode.

Claim 6 (original): The structure of claim 5 wherein the first auxiliary electrode further comprises a fourth part parallel to the ribs.

Claim 7 (currently amended): The structure of claim 2~~1~~ wherein the second sustaining electrode comprises a third side not contiguous to the end of the first sustaining electrode, and the electrode structure also comprises a second auxiliary electrode approaching to the third side of the second sustaining electrode.

Claim 8 (original): The structure of claim 1 wherein the first and the second sustaining electrodes are defined and patterned by a first lithographic process, and the first auxiliary electrode is defined and patterned by a second lithographic process.

Claim 9 (previously amended): An electrode structure of a plasma display panel (PDP), the electrode structure formed on a front substrate of the PDP, and comprising:

a first sustaining electrode and a second sustaining electrode formed on the front substrate,

and a first gap existing between the first and second sustaining electrodes; and

a first auxiliary electrode formed on the surface of the substrate in the first gap;

wherein a second gap existing between the first auxiliary electrode and the second sustaining electrode is used as a discharge gap of the electrode structure of the PDP, and the width of the second gap is smaller than the width of the first gap.

Claim 10 (previously amended): The structure of claim 9 wherein the first sustaining electrode comprises a first side approaching to the second sustaining electrode and a second side not contiguous to the end of the second sustaining electrode, the first auxiliary electrode comprises a first part and a second part, the first part is formed in the first gap, and the second part is located approaching to the second side of the first sustaining electrode.

Claims 11 (original): The structure of claim 10 wherein the second part of the first auxiliary electrode is formed above the first sustaining electrode.

Claims 12 (original): The structure of claim 10 wherein the second part of the first auxiliary electrode is formed on the surface of the front substrate.

Claims 13 (previously amended): The structure of claim 9 wherein the second sustaining electrode comprises a third side not contiguous to the end of the first sustaining electrode, and the electrode structure

further comprises a second auxiliary electrode approaching to the third side of the second sustaining electrode.

Claims 14 (original): The structure of claim 9, further comprising a third auxiliary electrode located in the first gap, and a third gap existing between the third auxiliary electrode and the first sustaining electrode;

wherein the width of the third gap is smaller than the width of the first gap.

Claims 15 (original): The structure of claim 14 wherein the first auxiliary electrode is electrically connected to the first sustaining electrode, and the third auxiliary electrode is electrically connected to the second sustaining electrode.

Claims 16 (previously amended): The structure of claim 9 wherein the first sustaining electrode comprises a first side approaching to the second sustaining electrode and a second side not contiguous to the end of the second sustaining electrode, and the first auxiliary electrode is formed on the surface of the front substrate and adjacent to the first side of the first sustaining electrode.

Claims 17 (previously amended): An electrode structure of a plasma display panel (PDP), the electrode structure formed on a front substrate of the PDP, and comprising:

a first sustaining electrode formed on the surface of the front substrate;

a first auxiliary electrode formed on the surface

of the front substrate and parallel to the first sustaining electrode, a first gap existing between the first sustaining electrode and the first auxiliary electrode; and

a second auxiliary electrode formed on the surface of the front substrate and parallel to the first sustaining electrode, a second gap existing between the first sustaining electrode and the second auxiliary electrode and being used as a discharge gap of the electrode structure of the PDP, and the width of the second gap being smaller than the width of the first gap.

Claims 18 (previously amended): The structure of claim 17 wherein the first sustaining electrode comprises a first side approaching to the second auxiliary electrode and a second side not contiguous to the end of the second auxiliary electrode, and the electrode structure comprises a third auxiliary electrode adjacent to the second side of the first sustaining electrode.

Claims 19 (previously amended): The structure of claim 18 wherein a connecting electrode is formed between the first and the second auxiliary electrodes, and the connecting electrode is formed on the surface of the front substrate and perpendicular to the first auxiliary electrode

Claims 20 (previously amended): The structure of claim 18, further comprising a fourth auxiliary electrode formed on the surface of the front substrate, the fourth

auxiliary electrode formed between the first and the second auxiliary electrodes, a third gap existing between the fourth auxiliary electrode and the first sustaining electrode, and the width of the third gap is smaller than the width of the first gap.

Claims 21 (previously added): The structure of claim 1 wherein the first sustaining electrode has a first side approaching to the second sustaining electrode and a second side not contiguous to the end of the second sustaining electrode.